Supplementary

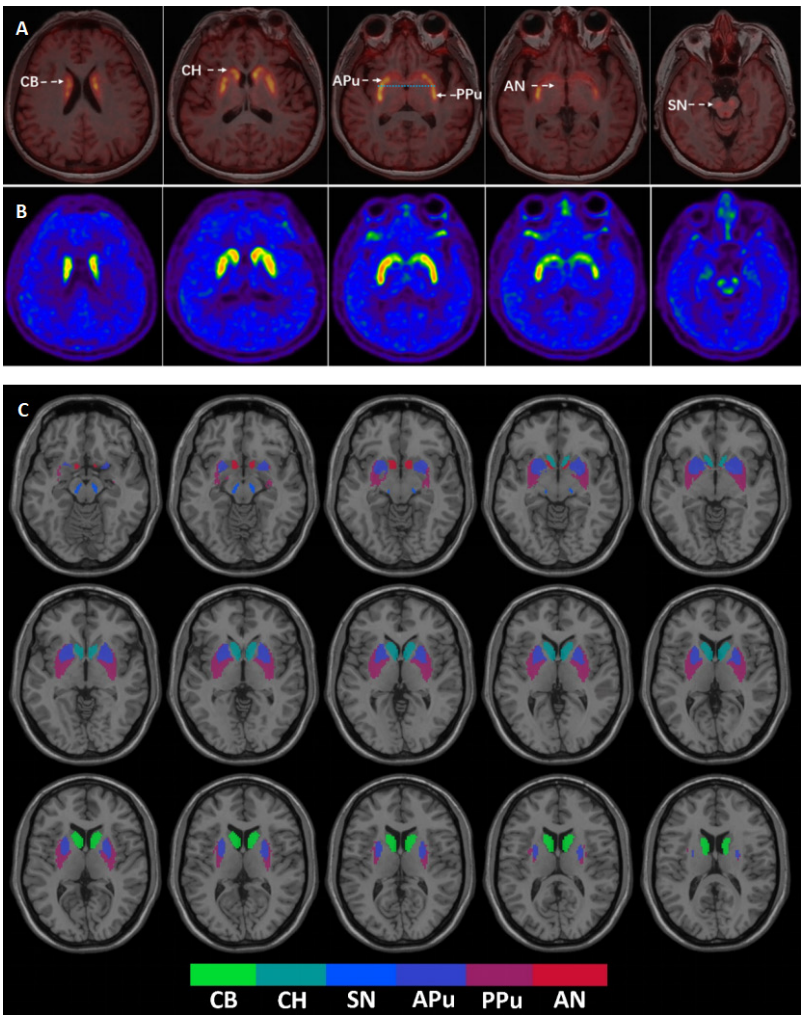

Figure S1 Representative PET/MR fusion images, PET images, and localization of six subcortical ROIs in MNI space. (A) Representative PET/MR fusion and (B) PET images illustrating the anatomical localization of ROIs. In this study, we used six subcortical ROIs (CB, CH, APu, PPu, AN, and SN) in MNI space derived from the TD Brodmann areas of WFU PickAtlas (https://www.nitrc.org/projects/wfu_pickatlas), the AICHA atlas, and the Harvard-Oxford subcortical atlas. Anatomical landmarks (e.g., anterior/posterior commissure) are labeled in white. ROIs are color-coded. AICHA, Atlas of Intrinsic Connectivity of Homotopic Area; AN, nucleus accumbens; APu, anterior putamen; CB, caudate body; CH, caudate head; MNI, Montreal Neurological Institute; MR, magnetic resonance; PET, positron emission tomography; PPu, posterior putamen; ROI, region of interest; SN, substantia nigra.

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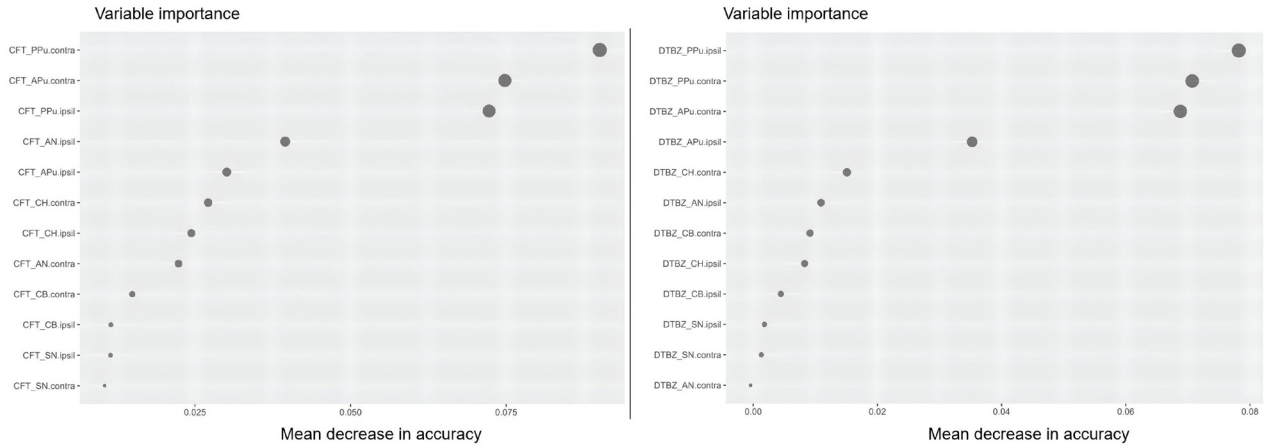

Figure S2 Random forest model analysis of the differences in the SUVR between ^{11}C-CFT and ^{18}F-FP-(+)-DTBZ images. ^{11}C-CFT, carbon-11-labeled 2β-carbomethoxy-3β-(4-fluorophenyl) tropane; ^{18}F-FP-(+)-DTBZ, fluorine-18-labeled fluoropropyl-(+)-dihydrotetrabenazine; AN, nucleus accumbens; APu, anterior putamen; CB, caudate body; CH, caudate head; PPu, posterior putamen; SN, substantia nigra; SUVR, standardized uptake value ratio; contra, contralateral; ipsil, ipsilateral.

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